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1. Image analysis patents 200506

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... of a predetermined depth (d ... having an imaging device (22, 100) to obtain images and ... density function according to a distribution of a luminance **value** with respect to each pixel ...

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1. **Vector SPIHT for embedded wavelet video and image co**
Mukherjee, D.; Mitra, S.K.;
Circuits and Systems for Video Technology, IEEE Transaction
Volume 13, Issue 3, March 2003 Page(s):231 - 246
Digital Object Identifier 10.1109/TCSVT.2003.809832
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(913 KB\)](#) | [IEEE](#) | [Rights and Permissions](#)

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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	29	("7003166" or "5335082" or "5606379" or "5557430" or "5701401" or "6179485" or "6169607" or "4688031" or "4703318" or "5818966" or "5091966" or "6098882" or "4939354" or "5278400").pn.	USPAT; DERWENT	OR	ON	2006/03/19 12:36
L2	14	1 and monochrome	USPAT; DERWENT	OR	ON	2006/03/19 12:36
L3	2	2 and (scan\$6 with density)	USPAT; DERWENT	OR	ON	2006/03/19 12:37
L4	1	3 and (bit adj depth)	USPAT; DERWENT	OR	ON	2006/03/19 12:37
L5	0	4 and decompos\$6	USPAT; DERWENT	OR	ON	2006/03/19 12:37
L6	1	4 and decod\$6	USPAT; DERWENT	OR	ON	2006/03/19 12:38
L7	154	decod\$4 with monochrome	USPAT; DERWENT	OR	ON	2006/03/19 12:38
L8	2	7 and (scan\$6 with density with depth)	USPAT; DERWENT	OR	ON	2006/03/19 12:39
L9	1	8 and decompos\$6	USPAT; DERWENT	OR	ON	2006/03/19 12:39
L10	22	7 and (scan\$6 with density)	USPAT; DERWENT	OR	ON	2006/03/19 12:39
L11	2	10 and (bit near depth)	USPAT; DERWENT	OR	ON	2006/03/19 12:40
L12	2	10 and (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 12:41
L13	20	10 and field	USPAT; DERWENT	OR	ON	2006/03/19 12:41
L14	3	13 and depth	USPAT; DERWENT	OR	ON	2006/03/19 12:42
L15	1	(monochrome adj density) with (bit near depth)	USPAT; DERWENT	OR	ON	2006/03/19 12:43
L16	2	(monochrome adj density) and (bit near depth)	USPAT; DERWENT	OR	ON	2006/03/19 12:43
L17	544593	(monochrome adj density) depth	USPAT; DERWENT	OR	ON	2006/03/19 12:43
L18	13	(monochrome adj density) and bit	USPAT; DERWENT	OR	ON	2006/03/19 12:43
L19	7	18 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 13:03

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L20	6	19 and value	USPAT; DERWENT	OR	ON	2006/03/19 13:33
L21	36071	decod\$4 with value	USPAT; DERWENT	OR	ON	2006/03/19 13:33
L22	340	decod\$4 with (second adj value)	USPAT; DERWENT	OR	ON	2006/03/19 13:33
L23	1	decod\$4 with (data adj field) with (second adj value)	USPAT; DERWENT	OR	ON	2006/03/19 13:34
L24	78	decod\$4 with (data adj field) with value	USPAT; DERWENT	OR	ON	2006/03/19 13:34
L25	3	24 and monochrome	USPAT; DERWENT	OR	ON	2006/03/19 13:35
L26	2	scan\$6 with (monochrome adj density)	USPAT; DERWENT	OR	ON	2006/03/19 13:36
L27	55	scan\$6 with (monochrome with density)	USPAT; DERWENT	OR	ON	2006/03/19 13:36
L28	0	27 and (decompos\$4 with densoty with field)	USPAT; DERWENT	OR	ON	2006/03/19 13:36
L29	1	27 and (decompos\$4 with density with field)	USPAT; DERWENT	OR	ON	2006/03/19 13:37
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L31	2	27 and (data adj field)	USPAT; DERWENT	OR	ON	2006/03/19 13:39
L32	2	monochrome with (density) with (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 13:39
L33	11	monochrome with density with field	USPAT; DERWENT	OR	ON	2006/03/19 14:14
L34	2	33 and (decod\$4 with value)	USPAT; DERWENT	OR	ON	2006/03/19 13:40
L35	0	monochrome with density with (bit near field)	USPAT; DERWENT	OR	ON	2006/03/19 14:14
L36	7	monochrome and (density with (data near field))	USPAT; DERWENT	OR	ON	2006/03/19 14:16
L37	7411	monochrome and (density value and (data near field))	USPAT; DERWENT	OR	ON	2006/03/19 14:16
L38	1236	37 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:16
L39	1	decompos\$4 with density with (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 14:17
L40	182	density with (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 14:17
L41	7	40 and monochrome	USPAT; DERWENT	OR	ON	2006/03/19 14:17

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L42	4	41 and scan\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:17
L43	2	42 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:17
L44	105	decod\$4 with (data near field) with value	USPAT; DERWENT	OR	ON	2006/03/19 14:18
L45	3	44 and monochrome	USPAT; DERWENT	OR	ON	2006/03/19 14:19
L46	1	45 and density	USPAT; DERWENT	OR	ON	2006/03/19 14:20
L47	0	density with monochrome with filed	USPAT; DERWENT	OR	ON	2006/03/19 14:21
L48	11	density with monochrome with field	USPAT; DERWENT	OR	ON	2006/03/19 14:22
L49	1	48 and (decod\$4 with field)	USPAT; DERWENT	OR	ON	2006/03/19 14:21
L50	2	48 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:23
L51	1005	decod\$4 with (data adj field)	USPAT; DERWENT	OR	ON	2006/03/19 14:26
L52	1	51 and (monochrome with density)	USPAT; DERWENT	OR	ON	2006/03/19 14:23
L53	27	51 and (monochrome and density)	USPAT; DERWENT	OR	ON	2006/03/19 14:24
L54	1	53 and (bit adj depth)	USPAT; DERWENT	OR	ON	2006/03/19 14:24
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L56	1339	decod\$4 with (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 14:27
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L58	27	56 and (monochrome and density)	USPAT; DERWENT	OR	ON	2006/03/19 14:28
L59	198	((color or monochrome) near density) with field	USPAT; DERWENT	OR	ON	2006/03/19 14:29
L60	1	59 and 51	USPAT; DERWENT	OR	ON	2006/03/19 14:30
L61	24	59 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:38
L62	6600	density with field	EPO; JPO	OR	ON	2006/03/19 14:38
L63	8	62 and (decod\$4 with field)	EPO; JPO	OR	ON	2006/03/19 14:40
L64	0	63 and (color or monochrome)	EPO; JPO	OR	ON	2006/03/19 14:39

EAST Search History

L65	8	monochrome with density with field	US-PGPUB	OR	ON	2006/03/19 14:40
L66	1	65 and (decod\$4 with field)	US-PGPUB	OR	ON	2006/03/19 14:41
L67	112725	"382"/("232" or "233" or "162" or "166").ccls.	USPAT; DERWENT	OR	ON	2006/03/19 14:42
L68	1	67 and 48	USPAT; DERWENT	OR	ON	2006/03/19 14:43
L69	1	67 and (monochrome with density with field)	USPAT; DERWENT	OR	ON	2006/03/19 14:44
L70	128	67 and (monochrome with density)	USPAT; DERWENT	OR	ON	2006/03/19 14:44
L71	0	70 and (decod\$4 with field)	USPAT; DERWENT	OR	ON	2006/03/19 14:44
L72	34	70 and decod\$4	USPAT; DERWENT	OR	ON	2006/03/19 14:46
L73	4	72 and (data near field)	USPAT; DERWENT	OR	ON	2006/03/19 14:46

	U	1	Document ID	Issue Date	Pages
1			US 7003166 B2	20060221	18
2			US 6721456 B1	20040413	14
3			US 6092009 A	20000718	65
4			US 5604824 A	19970218	47

	Title	Current OR	Current XRef
1	Method of encoding data in a monochrome media	382/237	348/701; 382/232
2	Color image data and control bit compression scheme with run length encoding	382/233	341/63; 358/426.13; 375/240.23; 382/245
3	Aircraft terrain information system	701/14	340/970; 701/208; 701/213
4	Method and apparatus for compression and decompression of documents and the like using splines and spline-wavelets	382/248	382/232; 702/76; 708/420; 708/801; 73/602

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Abhyankar; Vishwas G. et al.	X	.					
2		Aschenbrenner; Jean Margaret et al.	X						
3		Glover; J. Howard	X						
4		Chui; Charles K. et al.	X						

	Image Doc. Displayed	PT
1	US 7003166	
2	US 6721456	
3	US 6092009	
4	US 5604824	

	U	1	Document ID	Issue Date	Pages
1			JP 09148949 A	19970606	6
2			JP 03248895 A	19911106	8
3			JP 62009322 A	19870117	11
4			JP 62009321 A	19870117	9
5			JP 62009320 A	19870117	9
6			WO 9846023 A1	19981015	61
7	X		WO 9638845 A1	19961205	33
8	X		WO 9428546 A1	19941208	81

	Title	Current OR	Current XRef
1	FM RADIO RECEIVER		
2	MAGNETIC MEDIUM		283/82
3	LIQUID CRYSTAL DEVICE		345/97; 349/FOR.108
4	LIQUID CRYSTAL DISPLAY DEVICE		345/97; 349/FOR.108
5	LIQUID CRYSTAL DEVICE		345/97; 349/FOR.108
6	COMPUTER SYSTEM AND PROCESS FOR CAPTURE, EDITING AND PLAYBACK OF MOTION VIDEO COMPRESSED USING INTERFRAME AND INTRAFRAME TECHNIQUES		
7	TECHNIQUE FOR RECONFIGURING A HIGH DENSITY MEMORY		
8	METHOD AND DEVICE FOR CORRECTING ERROR IN DIGITAL DATA		360/26

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		SATO, AKIHIRO	X						
2		GONDA, SHOSUKE	X						
3		KANBE, JUNICHIRO et al.	X						
4		KANBE, JUNICHIRO et al.	X						
5		KANBE, JUNICHIRO et al.	X						
6		SPORER, MICHAEL et al.	X						
7		LIOU, KONG-MOU et al.							
8		INOUE, TAKAO et al.							

	Image Doc. Displayed	PT
1	JP 09148949 A	
2	JP 03248895 A	
3	JP 62009322 A	
4	JP 62009321 A	
5	JP 62009320 A	
6	WO 9846023 A1	
7	WO 9638845 A1	
8	WO 9428546 A1	

	U	1	Document ID	Issue Date	Pages
1			US 6377706 B1	20020423	18
2			US 5585863 A	19961217	28
3			US 20030161016 A	20030828	27

	Title	Current OR	Current XRef
1	Compression framework incorporating decoding commands	382/233	382/253
2	Memory organizing and addressing method for digital video images	348/716	345/536; 345/560; 348/718
3	Data decoding method for color printer, involves decoding data fields which is obtained by decomposing monochrome density value, in order to obtain data values in monochrome medium		

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		de Queiroz; Ricardo L.	X						
2		Hackett; James I. et al.	X						
3		ABHYANKAR, V G et al.	X						

	Image Doc. Displayed	PT
1	US 6377706	
2	US 5585863	
3	US 20030161016	

	U	1	Document ID	Issue Date	Pages
1			US 7003166 B2	20060221	18
2			US 6035094 A	20000307	22
3			US 5822660 A	19981013	8
4			US 5528274 A	19960618	19
5			US 5450099 A	19950912	20
6			US 5444494 A	19950822	28
7			US 5402361 A	19950328	49

	Title	Current OR	Current XRef
1	Method of encoding data in a monochrome media	382/237	348/701; 382/232
2	Video signal processing apparatus and method for securing a copy protection effect, an apparatus for recording/reproducing the processed video signal and a record medium therefor	386/94	386/112
3	Copyright protection in color thermal prints	399/194	347/172; 358/450; 380/51; 380/55; 399/366
4	Method of printing full-color frame image reproduced from full-color field image by interpolation	347/172	347/175; 358/525
5	Thermal line printer with staggered head segments and overlap compensation	347/200	347/211; 400/82
6	Video signal system converting circuit for processing video signal having interlaced scanning lines to produce video signal having sequential scanning lines	348/448	348/458; 348/459
7	Apparatus for method for logging, storing, and redirection of process related non-densitometric data generated by color processing equipment for use by an off site host computer	382/167	399/10

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Abhyankar; Vishwas G. et al.	X						
2		Kori; Teruhiko	X						
3		Wen; Xin	X						
4		Hyodo; Manabu	X						
5		Stephenson; Stanley W. et al.	X						
6		Yamamoto; Yukinori et al.	X						
7		Peterson; Steven H. et al.	X						

	Image Doc. Displayed	PT
1	US 7003166	
2	US 6035094	
3	US 5822660	
4	US 5528274	
5	US 5450099	
6	US 5444494	
7	US 5402361	

	U	1	Document ID	Issue Date	Pages
8			US 5339164 A	19940816	27
9			US 5319474 A	19940607	18
10			US 5305112 A	19940419	30
11			US 5118183 A	19920602	56
12			US 5062714 A	19911105	38
13			US 4705938 A	19871110	5
14			US 4561016 A	19851224	23
15	X		US 4469937 A	19840904	5

	Title	Current OR	Current XRef
8	Method and apparatus for encoding of data using both vector quantization and runlength encoding and using adaptive runlength encoding	358/426.02	348/390.1; 348/441; 358/426.12; 382/234; 382/245; 382/253
9	Overlapping device of a color video printer	358/515	358/501; 358/517
10	Video signal recording/reproducing system for recording and reproducing video signals in high quality picture television system	386/33	348/441; 348/491; 386/34
11	Automated strip reader densitometer	356/73	356/406; 356/407; 356/419; 356/425
12	Apparatus and method for pattern recognition	356/406	356/407; 356/419; 356/425; 356/73
13	Method of securing data on a data support	235/435	235/469; 340/5.86
14	Method and apparatus for recording color pictures for multicolor printing	358/527	358/510
15	Method of securing data	235/435	235/380; 283/70; 283/74; 340/5.8; 902/25; 902/4

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
8		Lim; Jae S.	X						
9		Yu; Chun-Keun	X						
10		Yamamoto; Yukinori et al.	X						
11		Cargill; Mark A. et al.	X						
12		Peterson; Steven H. et al.	X						
13		Stockburger; Hermann et al.	X						
14		Jung; Eggert et al.	X						
15		Stockburger; Hermann et al.							

	Image Doc. Displayed	PT
8	US 5339164	
9	US 5319474	
10	US 5305112	
11	US 5118183	
12	US 5062714	
13	US 4705938	
14	US 4561016	
15	US 4469937	

	U	1	Document ID	Issue Date	Pages
16	X		US 4045772 A	19770830	53
17	X		US 4013997 A	19770322	16
18	X		US 4012634 A	19770315	54
19	X		US 3873974 A	19750325	29
20	X		US 20030161016 A	20030828	27
21	X		JP 04077075 A	19920311	

	Title	Current OR	Current XRef
16	Automatic focusing system	382/134	348/79; 356/39; 377/10; 382/162; 382/291; 382/319
17	Error detection/correction system	714/779	235/437; 714/782
18	Automatic focusing system including quantizing means	250/201.3	356/125; 356/39
19	Scanning system for location and classification of patterns	382/134	382/162; 382/291; 382/319
20	Data decoding method for color printer, involves decoding data fields which is obtained by decomposing monochrome density value, in order to obtain data values in monochrome medium		
21	High quality video signal recording and reproduction system - separates brightness and colour signals from interlaced scanning signal and divides picture elements from each line into two phases for recording		

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
16		Bouton; John C. et al.							
17		Treadwell, III; Stephen Smith							
18		Bouton; John C. et al.							
19		Bouton; John C. et al.							
20		ABHYANKAR, V G et al.							
21		ARAYA, M et al.							

	Image Doc. Displayed	PT
16	US 4045772	
17	US 4013997	
18	US 4012634	
19	US 3873974	
20	US 20030161016	
21		

	U	1	Document ID	Issue Date	Pages
22	X		JP 04077074 A	19920311	
23	X		JP 04068984 A	19920304	
24	X		JP 04061493 A	19920227	

	Title	Current OR	Current XRef
22	High quality video signal recording and reproduction system - separates brightness and colour signals from interlaced scanning signal and divides picture elements from each line into two phases for recording		
23	High quality video signal recording and reproduction system - separates brightness and colour signals from interlaced scanning signal and divides picture elements from each line into two phases for recording		
24	High quality video signal recording and reproduction system - separates brightness and colour signals from interlaced scanning signal and divides picture elements from each line into two phases for recording		

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
22		ARAYA, M et al.							
23		ARAYA, M et al.							
24		ARAYA, M et al.							

	Image Doc. Displayed	PT
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23		
24		

Day : Sunday
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 Time: 12:28:20


PALM INTRANET
Inventor Name Search Result

Your Search was:

Last Name = ABHYANKAR

First Name = VISHWAS

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09703059	Not Issued	41	10/31/2000	Method and apparatus for long term document preservation	ABHYANKAR, VISHWAS G.
10000407	Not Issued	41	11/02/2001	Digital data preservation system	ABHYANKAR, VISHWAS G.
10059994	7003166	150	01/29/2002	METHOD OF ENCODING DATA IN A MONOCHROME MEDIA	ABHYANKAR, VISHWAS G.
10086142	Not Issued	30	02/28/2002	Method of decoding data encoded in a monochrome medium	ABHYANKAR, VISHWAS G.
10099767	Not Issued	71	03/15/2002	Preview function in a digital data preservation system	ABHYANKAR, VISHWAS G.
10170316	Not Issued	120	06/12/2002	Preview function in a digital data preservation system	ABHYANKAR, VISHWAS G.
10357775	Not Issued	30	02/04/2003	Preservations system for digitally created and digitally signed documents	ABHYANKAR, VISHWAS G.
10385325	Not Issued	95	03/10/2003	APPARATUS AND METHOD FOR PRINTING USING A LIGHT EMISSIVE ARRAY	ABHYANKAR, VISHWAS G.
10977855	Not Issued	30	10/29/2004	Networked system for routing medical images	ABHYANKAR, VISHWAS G.
11196824	Not Issued	30	08/03/2005	Automated fundus imaging system	ABHYANKAR, VISHWAS G.

Inventor Search Completed: No Records to Display.

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